

Education

Master of Science in Computer Science | University of Texas at Arlington | GPA - 3.33 2021
Bachelor of Engineering in Computer Science | Visvesvaraya Technological University 2016

Technical Skills

- **Development:** JavaScript [ReactJS, NodeJS, KnockoutJS, jQuery], Python [Django, Flask], Java [Spring Boot, JUnit, PIT], PHP, XML, XQuery, Android Development, HTML and CSS
- **Databases:** SQL [Oracle DB, MySQL, PostgreSQL] and NoSQL [MongoDB, InfluxDB]
- **Environments:** Amazon Web Services, Firebase, Heroku, DigitalOcean, Linux, Windows and MacOS
- **Design:** Android UI/UX and Adobe's Suite [Photoshop, Illustrator, Indesign, XD]
- **Certifications:** Frontend Developer Nanodegree, Android Developer Scholar, Android Developer Nanodegree

Experience

Propelld | Software Developer Apr. 2019 – Jul. 2019

- Developed the groundwork for a multi-tenant architecture based platform using NodeJS resulting in 2x faster client API integrations
- Redesigned several React UI components for the organization's dashboard enabling it's 50+ users to easily track loan disbursements
- Devised a workflow automation tool using GEditor and engineered a caching service for the company's platform thereby reducing database calls by 17%

Indian Institute of Science (IISc) | Project Assistant (Software) Jun. 2017 – Jun. 2018

- Developed a dashboard using Django and an Android App enabling 10+ customers to monitor their wastewater treatment systems (patent pending)
- Utilized Python to build and train a Regression-based forecasting model for predicting cell failure due to Oxide layer formation
- Raised ~\$70,000+ of project funding through various proposals
- Featured in The Economic Times and The Hindu newspapers for being one of the most innovative tech startups for a social cause

Tech Mahindra Ltd. | Associate Software Engineer Aug. 2016 – May 2017

- Developed and managed a web application that provides 1,000+ clients a quote to use the organization's testing services
- Devised test cases using HP LoadRunner and Apache JMeter automation testing tools
- Managed a team of 6 that performed non-functional testing on the client's applications

Projects

Feature Request Tool 2019

- Developed a project management Kanban board using Flask, SQLite and KnockoutJS
- Deployed the project on Heroku and can be deployed locally using Vagrant

Neighbourhood Restaurant Map 2018

- Built an offline-ready React Application that uses Google Maps and Zomato APIs to display restaurant details such as the name, address, rating, average cost for two, etc.
- Implemented a Service Worker to cache critical assets and facilitate offline usage

Unstash 2017

- Developed an Android application that uses the Reddit APIs to manage a user's saved posts using periodic reminders
- Used Content Providers to cache the user's posts thereby enabling offline use of the application

Achievements

- Awarded an Android Developer scholarship by Google & Pluralsight and one among 50 people throughout India invited to attend Google I/O 2018, California
- Invited to speak at Google's Mobile Developer Fest in Mysore, India
- Young Leaders for Active Citizenship, Fellow - One among a cohort of 60 selected from 800 applicants to draft a policy on Voting Rights for Non-resident Indians for the office of Mr Deepender Hooda, Member of Parliament